



304766

United States Environmental Protection Agency
Pollution Report

I. HEADINGS

DATE: June 29, 2001

SUBJECT: Pollution Report for the Bowers Battery Site, Tuscarawas County, Ohio

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POLREP 2 and Final - PRP Removal

II. BACKGROUND

Site No:	B5S9
NPL Status:	Non-NPL
Response Authority	CERCLA
State Notification:	Ohio EPA
Mobilization Date:	April 25, 2001
Completion Date:	June 16, 2001
Latitude:	40°29'54.5" N
Longitude:	81°27'10.0" W
CERCLA Incident Category:	Removal - PRP-Lead

III. SITE INFORMATION

A. Incident Category: Removal- PRP-lead

B. Site Description

1. Site Location and Background

See POLREP 1

IV. RESPONSE INFORMATION

A. Situation

1. Current situation

All actions required under the work plan have been completed.

2. Removal actions to date:

On May 8, 2001, a NITON portable X-Ray Fluorescent (XRF) instrument was brought on site to aid in establishing "clean" and "hot" areas. The XRF will be placed on the ground as excavation occurs giving a real time reading of the lead levels. The XRF will be used throughout the remainder of the project.

From May 9, 2001 through June 9, 2001 the parking lot of the VFW was excavated until the lead level on the XRF was less than 1,000 parts per million (ppm) and the four residential properties were excavated until the lead level on the XRF was less than 400 ppm. Prior to any backfilling of excavated areas, confirmation samples were collected in a 50 foot grid at a 6-inch depth utilizing a hand auger. START collected split samples with the PRP and delivered the samples to American Testing Company, Inc. for analysis. All proposed excavation areas have been remediated and all confirmation samples have been collected and analyzed.

Key notes-

Intermittent stoppage of work occurred due to inclement weather (heavy rains).

From May 16 2001, through June 1, 2001, The two properties on 5th Avenue NW were excavated. Soils around foundations of both houses were excavated to the footer. Lead contaminated soil is still present underneath the garages of both residences.

On May 16, 2001, a water line was ruptured in the excavation process. The water line was repaired the same day.

On June 7 and June 8, 2001, the contaminated portion of the property at the corner of Park Avenue NW and 5th Avenue NW was excavated. Excavation of the northern portion of the VFW gravel lot was also initiated on June 8, 2001.

On June 8, 2001, the residential property that was being excavated had 14 trees greater than 20 foot in height. US EPA consented to allow up to 1,000 ppm total lead within the drip-line of the trees in order to save them. The soils around four trees could not be remediated to less than 1,000 ppm and the trees had to be removed.

On June 9, 2001, confirmation samples were collected for the property excavated on June 7 and June 8, 2001. The remainder of the gravel lot was excavated to less than 1,000 ppm lead on the XRF. Confirmation samples for the excavated gravel lot were also collected. Sample analysis showed that all areas were "clean" based on the pre-established cleanup criteria.

On June 14 and June 15, 2001, the area that was used for stockpiling excavated soil and for treatment of the lead contaminated soil was scraped to a lead level of less than 1,000 ppm on the XRF as the stockpile was loaded onto trucks and transported off site for disposal. The stockpile and treatment areas were screened on a 4-point line every ten feet to ensure that all soils greater than 1,000 ppm were removed. The remaining waste generated was also transported off site for disposal.

B. Next Steps

None.

C. Key Issues

None..

V. Disposition of Wastes

A approximate total of 3,600 tons of lead contaminated soil was transported off site for disposal.